

AMENDMENTS TO THE SPECIFICATION

Replace the paragraph that begins at page 6, line 14, as follows:

Two additional bundles are created. Bundle 156 includes the call-shadow instruction 106' ~~406~~, and bundle 158 branches to the label *next_bundle*. If predicate *p6* in the predicted branch instruction 152 evaluates to false, program control continues with execution of the instructions in bundle 156, which includes the call-shadow instruction 106' ~~406~~. It will be appreciated that the present invention also handles code where there are more than one call-shadow instruction. For example, if the predicated branch-call instruction is in slot 0, then both the instructions in slot1 and slot2 are call-shadow instructions and are placed in a bundle such as bundle 156. If the call-shadow instruction 106' ~~406~~ was an instruction other than a branch, program control would continue with the instructions in bundle 158. Thus, bundle 158 includes a branch instruction that targets *next_bundle* so that the branch-call instruction 155 is not executed.

Replace the paragraph that begins on page 7 at line 32 as follows:

The trampoline code segment 356 ~~354~~ is created in relocation address space 352 with a branch-call instruction that targets the target of the original predicated branch-call instruction 104. Along with the trampoline code segment 356, bundle 362 is created with a branch instruction to return control to the *next_bundle*.